|                               | Index of Claims |           |           |           |           |           |                |             |                     |           |               |     |              | /pp                                      | Application No. |                         |                  |           |              |     |                   |        |                | Applicant(s)          |                 |           |     |              |           |           |                   |                |      |
|-------------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|----------------|-------------|---------------------|-----------|---------------|-----|--------------|--|-----------------|-------------------------|------------------|-----------|--------------|-----|-------------------|--------|----------------|-----------------------|-----------------|-----------|-----|--------------|-----------|-----------|-------------------|----------------|------|
|                               |                 | 11111     | <br>      | 11        | 10        |           | "<br>"         |             |                     |           |               |     |              |  |                 | 1                       | 10/6             | ì60       | 38           | (g  |                   |        |                |                       |                 | s         | ING | :H!          | FT        | ΔL        |                   |                |      |
|                               |                 |           |           |           |           |           |                |             |                     |           |               |     |              |  | Exar            |                         |                  |           |              | _   |                   |        |                | SINGH ET AL. Art Unit |                 |           |     |              |           |           |                   |                |      |
|                               |                 |           | Ш         |           |           |           |                |             |                     |           |               |     |              |  |                 | ١.                      | Manuel L. Barbee |           |              |     |                   |        |                |                       |                 |           |     |              |           |           |                   |                |      |
|                               |                 |           |           |           |           |           |                |             |                     | 10,       |               |     |              |  |                 | 1                       | иап              | IL.       | Ва           | rbe |                   | 28     |                | —                     |                 |           | _   |              |           |           |                   |                |      |
| √ R j cted _ (Through numeral |                 |           |           |           |           |           |                |             |                     |           |               |     |              |  | $\overline{}$   | 1 [                     | П                |           |              |     |                   | 1      |                | $\overline{}$         |                 |           | _   |              | 1         |           |                   |                |      |
|                               |                 |           | 4         | R         | ij        | cte       | ed !           |             | ļ                   | -         |               | (+  | p.c.         | ance                                     | illed<br>Solla  | ∌raı <sub>j</sub>       | 1                |           | N            | N   | n-E               | .lec   | ted            |                       | A               | l         | Αŗ  | ppe          | al        |           |                   |                |      |
|                               |                 |           | H         | H         |           |           | $\dashv$       | 1           |                     | $\vdash$  | +             |     |              |  |                 |                         | -                |           |              | _   |                   |        |                | 1                     | H               |           |     |              |           |           |                   |                |      |
|                               |                 |           | =         | Α         | Allo      | Me        | bi             |             | ļ                   | +         |               |     | Re           | estri                                    | cted            |                         | 1                |           | 1            | Int | erfe              | erence |                |                       | 0               | i         | ОЫ  | ect          | ed        |           |                   |                |      |
|                               |                 |           |           |           |           |           |                | <u>.</u>    |                     | <u>_</u>  | <u> </u>      |     |              |  |                 | _                       | _                |           | <u> </u>     |     | _                 |        | _              | <br>                  | _               | _         | _   | _            | _         | _         | J<br>—            |                |      |
|                               | Cli             | aim       | Ļ         |           | Т         | _[        | le             | <del></del> | т—                  | Т         | -             | CI  | Claim        |  |                 | Date                    |                  |           | <del>.</del> | _   |                   | CI     | aim            | <del>_</del>          | _               | Date      |     |              |           | _         | لہ                | l              |      |
|                               | Final           | Original  | 300       |           |           |           |                |             |                     |           |               |     | Final        | Original                                 |                 |                         |                  |           |              |     |                   |        | Tag            | is i                  |                 |           |     |              |           |           |                   |                |      |
|                               | ü               | O<br>gi o | U         |           |           |           |                |             |                     |           |               |     | 臣            | P. P |                 |                         | 11               |           |              |     |                   |        | Final          | Original              |                 |           | ľ   |              | !         |           | !                 |                | 1    |
|                               | <del>  -</del>  | O         | 27        | <u> </u>  | $\vdash$  | ₩         | $\vdash$       | ₩           | ┦                   | ├-        | $\vdash$      |     | <del> </del> | 51                                       | ╁               | +                       | $\dashv$         | $\dashv$  | +            | +   | +-                | -      | <u> </u>       | 101                   | +-              | $\dashv$  | +   | +            | 4         | -         |                   | H              | 1    |
|                               |                 | 2         | 口         |           |           | 口         | 口              | Ľ           | 口                   | 上         | 上             |     |              | 52                                       | 廿               | 土                       | $\Box$           | 二         | ゴ            | 士   | 士                 |        |                | 102                   |                 | $\pm$     | 士   | 士            | 世         | 世         | oxdot             | $\Box$         |      |
|                               |                 | 3         | ₩         | <u> </u>  | ┦         | ┦         | $\vdash$       | ₽           | $\vdash$            | $\vdash$  | ┡             | 1   |              | 53<br>54                                 | $\vdash$        | +                       | $\dashv$         | _         | $\dashv$     | 4   | +                 | 4      |                | 103                   |                 | $\exists$ | 7   | 工            | oxdot     |           |                   | $\Box$         | ĺ    |
|                               | $\vdash$        | 5         | H         | -         |           | H         | -              | H           |                     | $\vdash$  | $\vdash$      |     | -            | 55                                       | +               | +                       | H                | +         | +            | 十   | +-                |        | ├─             | 104                   |                 | +         | +   | +            | ╁┤        | ╀         | H                 | H              | 1    |
|                               |                 | 6         | 0         |           |           |           | 口              |             |                     |           |               | ]   |              | 56                                       | 耳               | 工                       | 口                | $\Box$    | 丁            | 工   | 二                 |        |                | 106                   |                 | #         | 士   | 土            | $\Box$    |           |                   |                | l    |
|                               |                 | 8         | 1         | $\vdash$  | $\vdash$  | Н         | $\vdash$       | $\vdash$    | $\vdash$            | H         | $\vdash$      |     | -            | 57<br>58                                 | ╀┼              | +                       | ╁┤               | $\dashv$  | +            | +   | +                 |        |                | 107                   |                 | $\dashv$  | +   | 1            | $\vdash$  |           | $\square$         | H              | İ    |
|                               |                 | 9         | 0         |           |           |           | $\Box$         |             | 世                   | 世         | 上             |     |              | 59                                       | +               | 士                       | H                | 1         | +            | +   | +                 |        | $\vdash\vdash$ | 109                   |                 | 十         | +   | +            | +         | H         | H                 | H              | ĺ    |
|                               |                 | 10        | 0         |           |           |           | $\Box$         | $\Box$      | $\Box$              |           |               | 1 1 |              | 60                                       | 耳               | 工                       | $\Box$           | 耳         | 耳            | 工   | 工                 |        |                | 110                   |                 | 工         | 工   | 工            | 二         |           | $\Box$            | $\Box$         | İ    |
|                               | $\vdash$        | 11        | 11        | $\square$ | H         | H         | H              | $\vdash$    | H                   | $\vdash$  | <del> -</del> |     | <del> </del> | 61<br>62                                 | ++              | +                       | $\dashv$         | $\dashv$  | +            | +   | ╀                 | H      | <b> </b>       | 111                   |                 | +         | +   | +            | ₩         | ┦         | Н                 | Н              | İ    |
|                               |                 | 13        | H         |           |           |           |                | $\Box$      |                     |           |               |     |              | 63                                       | 士               | 士                       | $\Box$           | 士         | 士            | 士   | 世                 |        |                | 113                   |                 | 士         | 七   | +            | 世         | ۲         | H                 | Н              | İ    |
|                               |                 | 14        | H         |           |           |           | П              | $\Box$      |                     |           |               |     |              | 64                                       | 口               | I                       | 口                | $\exists$ | 耳            | 工   | 口                 |        |                | 114                   |                 | 耳         | 工   | 工            | D         |           | 口                 |                | į    |
|                               | <b> </b>        |           | 0         |           | $\vdash$  | ┝┥        | H              | $\vdash$    | $\vdash$            | H         | $\vdash$      |     | <del></del>  | 65<br>66                                 | <del>  -</del>  | +-                      | ╢                | +         | +            | 十   | +                 |        | <b>  </b>      | 115<br>116            |                 | +         | +   | +            | ₩         | $\vdash$  | H                 | H              |      |
|                               |                 | 17        | 0         |           |           |           |                |             |                     |           |               |     |              | 67                                       | 廿               | 士                       | $\Box$           | 1         | 1            | 士   | 世                 |        |                | 117                   |                 | 士         | 士   | 七            | $\vdash$  |           | H                 | 一              |      |
|                               | $\square$       | (18)      | 5         | Ш         | $\Box$    | $\Box$    | $\overline{H}$ | Ц           | $\overline{\sqcup}$ | $\Box$    |               |     |              | 68<br>69                                 | $\Box$          | 工                       | $\Box$           | $\dashv$  | 7            | 7   | Į.                |        |                | 118                   | $\Box$          | 구         | 7   | 丰            | 口         |           | $\Box$            |                | İ    |
|                               | <u> </u>        | 20        | 0         | 1         |           | -         | Н              | H           |                     | Н         | H             |     | <del></del>  | 70                                       | +               | +                       | $\vdash$         | +         | +            | +   | +                 |        |                | 119<br>120            | H               | +         | +-  | +            | $\vdash$  | H         | -                 | H              | ļ    |
|                               |                 | 21        | 4         |           |           |           | П              |             |                     |           |               |     |              | 71                                       | 口               | 工                       | 口                | 7         | 7            | 工   | 口                 |        |                | 121                   | 口               | #         | 工   | 士            |           |           |                   |                | İ    |
|                               |                 | 22        | #         | H         | H         | H         | H              | $\vdash$    | H                   | Ш         | $\vdash$      |     | <u> </u>     | 72<br>73                                 | +               | +-'                     | ╀                | +         | +            | +   | +                 | Ш      | $\square$      | 122<br>123            |                 | +         | 4   | 1            | $\square$ |           | $\overline{\Box}$ | $\dot{H}$      | İ    |
|                               |                 | 24        | 山         |           |           |           | 口              |             |                     |           |               |     |              | 74                                       | 士               | 士                       | $\Box$           | 士         | 士            | 士   | +                 |        |                | 124                   | H               | 十         | +   | +            | ┦         | H         | H                 | $\dashv$       | i    |
|                               |                 | 25        |           | $\Box$    | $\Box$    | $\Box$    |                | $\Box$      | $\Box$              |           | $\Box$        |     |              | 75                                       | $\Box$          | T.                      | $\Box$           | 二         | $\dashv$     | 工   | $\Box$            |        |                | 125                   | $\Box$          | $\dashv$  | 丰   | Ţ            | $\Box$    | $\Box$    | $\Box$            | 口              | i    |
|                               |                 | 26<br>27_ | H         | $\vdash$  | H         | H         | H              | $\vdash$    | $\vdash$            | $\vdash$  | H             |     | <b></b>      | 76<br>77                                 | +               | +-'                     | H                | +         | 十            | +   | ╁┤                |        | <del></del>    | 126<br>127            | -               | +         | +   | +            | ₩         | H         | H                 | Н              | İ    |
|                               |                 | 28        | H         |           |           |           | 口              |             |                     |           |               |     |              | 78                                       | 世               | 士                       | 口                | $\pm$     | 士            | 士   | 世                 |        |                | 128                   |                 | 士         | 士   | 士            | $\sqcup$  |           | 口                 | 一              | İ    |
|                               |                 | 29        | $\Box$    | $\square$ | $\square$ | $\square$ | -              | $\Box$      |                     | $\Box$    | $\square$     |     |              | 79                                       | $\Box$          | Į.                      | $\Box$           | 4         | 7            | 丰   | 口                 |        |                | 129                   | $\Box$          | $\dashv$  | 丰   | 工            | $\Box$    |           | $\Box$            | П              | 1    |
|                               | $\vdash$        | 30<br>31  | H         | $\dashv$  | $\vdash$  | $\vdash$  | 一十             | $\vdash$    | $\dashv$            | $\vdash$  | $\vdash$      |     |              | 80<br>81                                 | -               | +-                      | $\vdash \vdash$  | 十         | 十            | ╫   | +-1               |        |                | 130<br>131            |                 | 十         | 十   | +            | $\forall$ | H         | $\vdash$          | H              | l .  |
|                               |                 | _32_      |           |           |           |           | 口              |             | 耳                   |           | 口             |     |              | 82                                       | 二               | 丰                       | 口                | コ         | 丰            | 丰   | 口                 |        |                | 132                   | 口               | 二         | 土   | 工            | 口         |           | 口                 |                | İ    |
| _                             |                 | 33<br>34  | H         | H         | H         | $\dashv$  |                | $\vdash$    | $\dashv$            | Н         | Н             |     |              | 83<br>84                                 | +               | ┯                       | $\vdash$         | +         | +            | +   | +                 |        |                | 133<br>134            | $\vdash$        | +         | +   | $\perp$      | $\square$ | $\square$ | $\mathbb{H}$      | $\overline{H}$ | ı    |
|                               |                 | 35        | 己         | 1         |           | H         | 一              | 一           | $\dashv$            |           | $\sqcap$      |     |              | 85                                       | 1               | +                       | 十                | 十         | 十            | +   | +-                |        |                | 135                   | $\vdash \vdash$ | 十         | +   | +            | H         | H         | $\vdash$          | $\vdash$       | i    |
|                               |                 | 36        | $\square$ | $\Box$    | $\Box$    | 口         | $\Box$         | $\Box$      | 口                   | $\square$ | $\Box$        |     |              | 86                                       | 耳               | 卫                       | $\Box$           | 耳         | 工            | 工   | $\Box$            |        | $\Box$         | 136                   | 口               | 丰         | 工   | 丰            | 口         | $\Box$    | 口                 | $\Box$         |      |
|                               | -               | 37<br>38  | $\vdash$  | -         | $\vdash$  | -         | $\vdash$       | H           | $\vdash$            | -         | Н             |     |              | 87<br>88                                 | ++              | +-1                     | <del>  </del>    | +         | +            | +   | H                 |        |                | 137<br>138            | H               | +         | +   | +            | ┦         | H         | H                 | H              |      |
| į                             |                 | 39        |           |           |           |           |                |             |                     |           |               |     |              | 89                                       | 士               | 世                       |                  | 士         | 士            | 土   | 世                 |        |                | 139                   | 口               | 士         | 士   | 士            |           |           | 寸                 | 丁              | <br> |
|                               |                 | 40        | $\Box$    | $\Box$    | $\Box$    | $\Box$    | $\square$      | 口           | $\Box$              | $\square$ | Д             |     |              | 90                                       | 1               | T!                      | П                | 4         | 丰            | 工   | $\Box$            |        |                | 140                   | $\Box$          | 丰         | 工   | T            |           | 口         | 口                 | 口              |      |
|                               | $\vdash$        | 41        | $\vdash$  | +         | -         | $\dashv$  | $\overline{}$  | $\vdash$    | _                   | $\dashv$  | Н             | H   |              | 91<br>92                                 |                 | ╁┦                      | $\vdash$         | +         | 十            | 十   | H                 |        |                | 141<br>142            | $\vdash$        | +         | +   | +-           | $\vdash$  | H         | $\vdash$          | Н              |      |
| ļ                             |                 | 43        | 二         | 二         | 二         | I         | 口              | 口           | コ                   |           |               |     |              | 93                                       | 二               | 口                       | 口                | コ         | 士            | 土   | 口                 |        |                | 143                   | 口               | 士         | 土   | 士            |           |           | $\Box$            |                |      |
| }                             | $\vdash \vdash$ | 44        | $\dashv$  | $\dashv$  | $\dashv$  |           | $\dashv$       | $\vdash$    | <del>, -  </del>    | $\dashv$  | Н             |     |              | 94<br>95                                 |                 | $\downarrow \downarrow$ | $\vdash \vdash$  | +         | +            | 4   | $\dashv$          |        |                | 144<br>145            | H               | 4         | 4   | <del> </del> | $\Box$    | $\Box$    | $\dashv$          | $\exists$      |      |
| l                             |                 | 46        | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$       | $\sqcap$    | 1                   | $\dashv$  | $\dashv$      |     |              | 96                                       | 十               | +-                      | 1                | +         | 十            | +   | H                 |        |                | 146                   | H               | 十         | 十   | +-'          | $\forall$ | $\vdash$  | 一十                | $\dashv$       |      |
| · [                           |                 | 47        | 二         | 二         | 耳         | コ         | コ              | $\Box$      | コ                   | 二         | $\square$     |     | $\Box$       | 97                                       | 二               | $\Box$                  | 口                | #         | 丰            | 丰   | 口                 | i I    |                | 147                   | 口               | #         | 丰   | 二            | 口         |           | 耳                 | コ              |      |
| ł                             | <del> </del>    | 48<br>49  | -+        | -         | -         |           | _              | $\dashv$    | -                   | -         | $\dashv$      |     |              | 98<br>99                                 | $\vdash\vdash$  | +-/                     | $\vdash \vdash$  | +         | +            | +   | +-1               |        |                | 148<br>149            | $\vdash$        | +         | +   | +-'          | $\square$ | H         | H                 | $\mathbf{H}$   | ,    |
| į                             |                 | 50        | $\pm$     | 1         | 士         | 士         | 1              | 寸           | 士                   | 7         |               |     |              | 100                                      | 士               | 1                       | 士                | 士         | 士            | t   | $\dagger \exists$ |        |                | 150                   | $\Box$          | 十         | +   | +-           | H         | $\vdash$  | $\vdash$          | $\dashv$       |      |
|                               |                 |           |           |           |           |           |                |             |                     |           |               |     |              |  |                 |                         |                  |           |              |     |                   |        |                |                       |                 |           |     |              |           |           |                   |                |      |